



SEQUENCE LISTING

<110> University of Ulster

<120> Insulin Releasing Peptides

<130> U0003/7017

<140> US 10/579,581

<141> 2006-05-17

<150> PCT/EP2004/013693

<151> 2004-11-17

<150> GB0326720.0

<151> 2003-11-17

<160> 25

<170> PatentIn version 3.3

<210> 1

<211> 13

<212> PRT

<213> Agalychnis calcarifer

<400> 1

Arg Arg Lys Pro Leu Phe Pro Phe Ile Pro Arg Pro Lys
1 5 10

<210> 2

<211> 12

<212> PRT

<213> Agalychnis litodryas

<400> 2

Met Leu Ala Asp Val Phe Glu Lys Ile Met Gly Asp
1 5 10

<210> 3

<211> 28

<212> PRT

<213> Agalychnis litodryas

<400> 3

Ala Val Trp Lys Asp Phe Leu Lys Asn Ile Gly Lys Ala Ala Gly Lys
1 5 10 15

Ala Val Leu Asn Ser Val Thr Asp Met Val Asn Glu
20 25

<210> 4
<211> 13
<212> PRT
<213> Bombina variegata

<400> 4

Gln Arg Leu Gly His Gln Trp Ala Val Gly His Leu Met
1 5 10

<210> 5
<211> 13
<212> PRT
<213> Bombina variegata

<400> 5

Asp Ser Phe Gly Asn Gln Trp Ala Arg Gly His Phe Met
1 5 10

<210> 6
<211> 14
<212> PRT
<213> Bombina variegata

<400> 6

Gly Lys Pro Phe Tyr Pro Pro Pro Ile Tyr Pro Glu Asp Met
1 5 10

<210> 7
<211> 21
<212> PRT
<213> Bombina variegata

<400> 7

Ile Tyr Asn Ala Ile Cys Pro Cys Lys His Cys Asn Lys Cys Lys Pro
1 5 10 15

Gly Leu Leu Ala Asn
20

<210> 8
<211> 13
<212> PRT
<213> Phyllomedusa trinitatis

<220>
<221> misc_feature

<222> (1)..(2)
<223> Xaa can be any naturally occurring amino acid

<400> 8

Xaa Xaa Pro Leu Ala Pro Phe Phe Gln Ala Val Phe Lys
1 5 10

<210> 9

<211> 28

<212> PRT

<213> Phyllomedusa trinitatis

<400> 9

Ala Leu Trp Lys Asp Ile Leu Lys Asn Val Gly Lys Ala Ala Gly Lys
1 5 10 15

Ala Val Leu Asn Thr Val Thr Asp Met Val Asn Gln
20 25

<210> 10

<211> 27

<212> PRT

<213> Rana palustris

<400> 10

Ala Leu Ser Ile Leu Arg Gly Leu Glu Lys Leu Ala Lys Met Gly Ile
1 5 10 15

Ala Leu Thr Asn Cys Lys Ala Thr Lys Lys Cys
20 25

<210> 11

<211> 24

<212> PRT

<213> Rana pipiens

<400> 11

Phe Leu Pro Ile Ile Ala Gly Val Ala Ala Lys Val Phe Pro Lys Ile
1 5 10 15

Phe Cys Ala Ile Ser Lys Lys Cys
20

<210> 12

<211> 19

<212> PRT

<213> Rana saharica

<400> 12

Lys Gly Ala Ala Lys Gly Leu Leu Glu Val Ala Ser Cys Lys Leu Ser
1 5 10 15

Lys Ser Cys

<210> 13

<211> 46

<212> PRT

<213> Rana saharica

<400> 13

Gly Ile Phe Ser Lys Phe Gly Arg Lys Lys Ile Lys Asn Leu Leu Ile
1 5 10 15

Ser Gly Leu Lys Asn Val Gly Lys Glu Val Gly Met Asp Val Val Arg
20 25 30

Thr Gly Ile Asp Ile Ala Gly Cys Lys Ile Lys Gly Glu Cys
35 40 45

<210> 14

<211> 46

<212> PRT

<213> Rana saharica

<400> 14

Gly Ile Phe Ser Lys Leu Ala Gly Lys Lys Leu Lys Asn Leu Leu Ile
1 5 10 15

Ser Gly Leu Lys Asn Val Gly Lys Glu Val Gly Met Asp Val Val Arg
20 25 30

Thr Gly Ile Asp Ile Ala Gly Cys Lys Ile Lys Gly Glu Cys
35 40 45

<210> 15

<211> 33

<212> PRT

<213> Rana saharica

<400> 15

Gly Ile Leu Ser Thr Ile Lys Asp Phe Ala Ile Lys Ala Gly Lys Gly
1 5 10 15

Ala Ala Lys Gly Leu Leu Glu Met Ala Ser Cys Lys Leu Ser Gly Gln
20 25 30

Cys

<210> 16
<211> 34
<212> PRT
<213> Rana saharica

<400> 16

Gly Ile Leu Leu Asp Lys Leu Lys Asn Phe Ala Lys Thr Ala Gly Lys
1 5 10 15

Gly Val Leu Gln Ser Leu Leu Asn Thr Ala Ser Cys Lys Leu Ser Gly
20 25 30

Gln Cys

<210> 17
<211> 24
<212> PRT
<213> Rana saharica

<400> 17

Phe Leu Pro Leu Leu Ala Gly Leu Ala Ala Asn Phe Leu Pro Lys Ile
1 5 10 15

Phe Cys Lys Ile Thr Arg Lys Cys
20

<210> 18
<211> 24
<212> PRT
<213> Rana saharica

<400> 18

Ala Val Ile Thr Gly Ala Cys Glu Arg Asp Val Gln Cys Gly Gly Gly
1 5 10 15

Thr Cys Cys Ala Val Ser Leu Ile
20

<210> 19
 <211> 23
 <212> PRT
 <213> Agalychnis litodryas

<400> 19

Ala Trp Lys Asp Leu Lys Asn Gly Lys Ala Ala Gly Lys Ala Val Leu
 1 5 10 15

Asn Val Thr Asp Met Val Asn
 20

<210> 20
 <211> 11
 <212> PRT
 <213> Rana saharica

<400> 20
 Lys Gly Leu Leu Ala Ser Cys Lys Leu Ser Cys
 1 5 10

<210> 21
 <211> 15
 <212> PRT
 <213> Rana spp.

<400> 21

Phe Leu Pro Ala Gly Ala Ala Pro Lys Ile Phe Cys Ile Lys Cys
 1 5 10 15

<210> 22
 <211> 42
 <212> PRT
 <213> Rana saharica

<400> 22
 Gly Ile Phe Ser Lys Lys Lys Lys Asn Leu Leu Ile Ser Gly Leu Lys
 1 5 10 15

Asn Val Gly Lys Glu Val Gly Met Asp Val Val Arg Thr Gly Ile Asp
 20 25 30

Ile Ala Gly Cys Lys Ile Lys Gly Glu Cys
 35 40

<210> 23

<211> 7
<212> PRT
<213> Bombina variegata

<400> 23
Gly Gln Trp Ala Gly His Met
1 5

<210> 24
<211> 22
<212> PRT
<213> Rana saharica

<400> 24
Gly Ile Leu Leu Lys Phe Ala Ala Gly Lys Gly Leu Leu Ala Ser Cys
1 5 10 15

Lys Leu Ser Gly Gln Cys
20

<210> 25
<211> 13
<212> PRT
<213> Bombina variegata

<400> 25
Gln Arg Leu Gly Asn Gln Trp Ala Val Gly His Leu Met
1 5 10